



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Applicants : Xiaoxun Zhu, et al.  
Application Serial No.: 10/712,787  
Filing Date : November 13, 2003  
Title : HAND-SUPPORTABLE IMAGING-BASED BAR CODE  
SYMBOL READER SUPPORTING NARROW-AREA AND  
WIDE-AREA MODES OF ILLUMINATION AND IMAGE  
CAPTURE  
Examiner : n/a  
Group Art Unit : 2876  
Attorney Docket No. : 108-192USA000

Honorable Commissioner  
of Patents and Trademarks  
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to examination of the above-referenced Patent Application, please amend the same as follows:

AMENDMENT OF THE TITLE TO INVENTION:

Please amend the Title to Invention to read as follows:

--HAND-SUPPORTABLE DIGITAL IMAGING-BASED BAR CODE SYMBOL  
READER SUPPORTING NARROW-AREA AND WIDE-AREA MODES OF  
ILLUMINATION AND IMAGE CAPTURE--

AMENDMENT OF THE SPECIFICATION:

Please amend the Specification as follows:

On Page 23, amend the fourth paragraph as follows:

~~Fig. 7C~~ is Figs. 7C1 and 7C2 set forth a schematic diagram of a hybrid analog/digital circuit designed to implement the Automatic Light Exposure Measurement and Illumination Control Subsystem of Fig. 7B employed in the hand-supportable Digital Imaging-Based Bar Code Symbol Reading Device of the present invention;